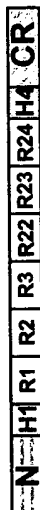


Dystrophin minigene constructs

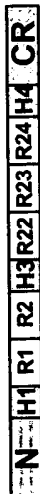
Human dystrophin coding sequence 11058bp



Δ4173



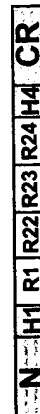
Δ3990



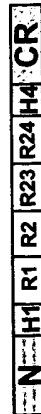
Δ3849



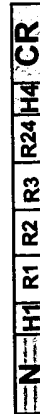
Δ3531



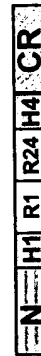
Δ3510



Δ3447



Δ2796



DysM3 (3700bp)

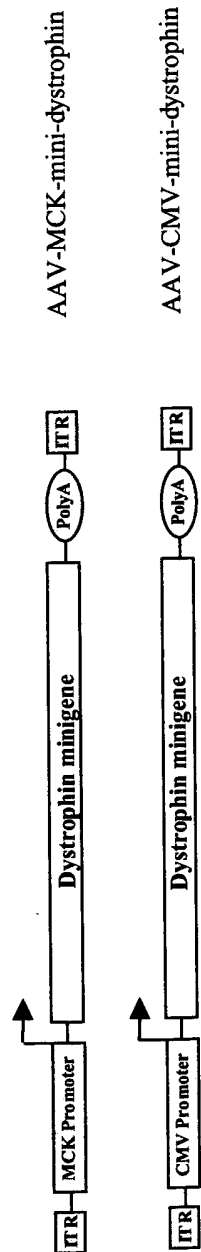
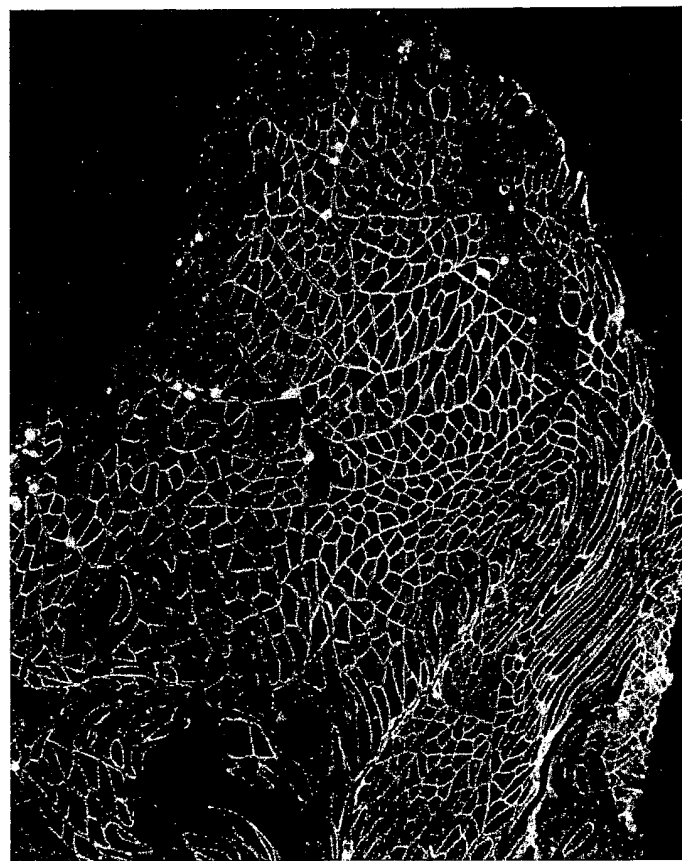


FIG. 1

a

mdx+ Δ 3849



mdx+ Δ 3990

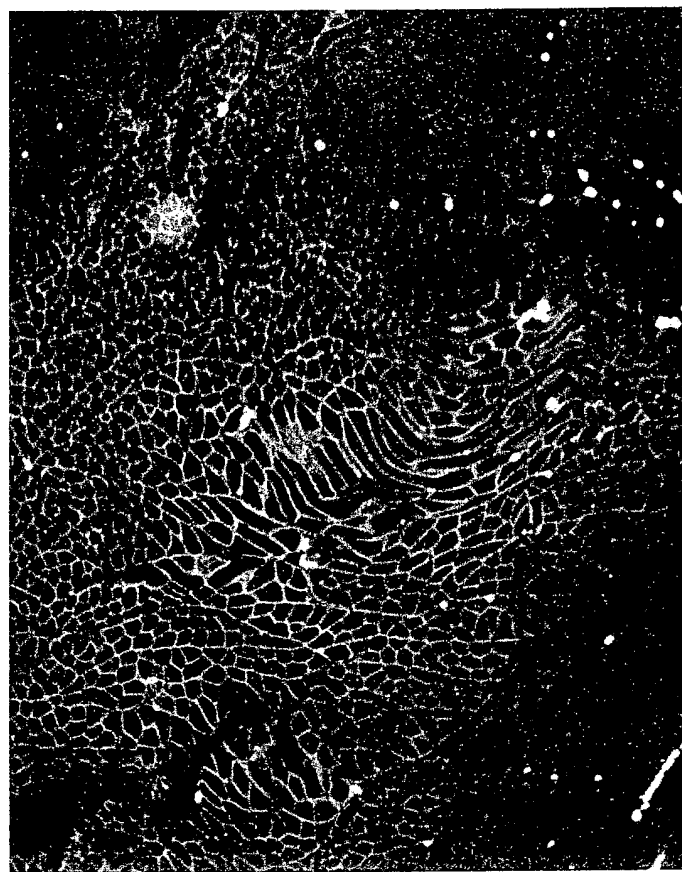


FIG. 2A

b

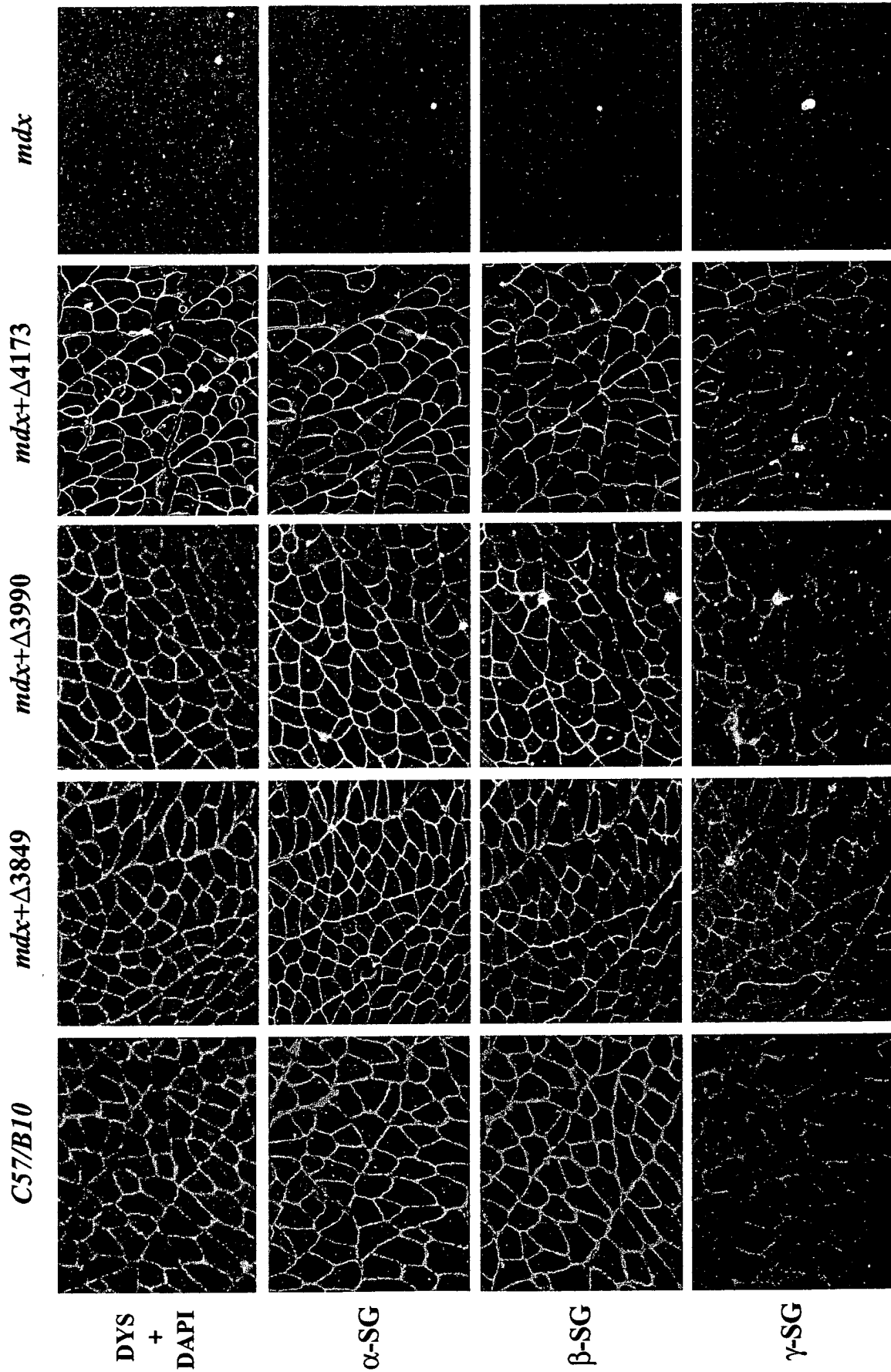
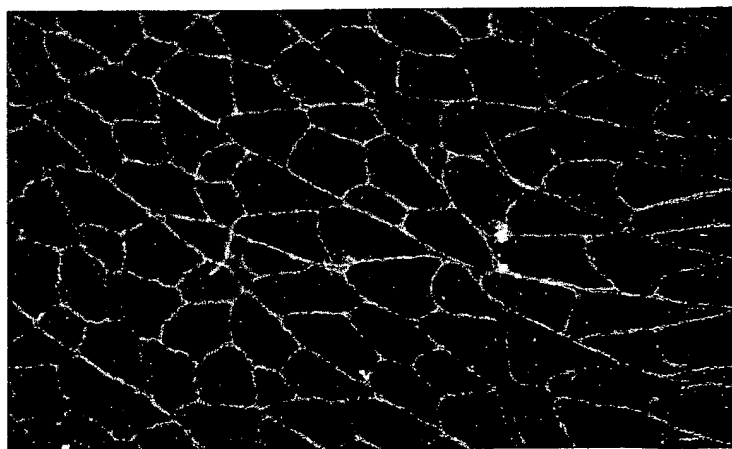
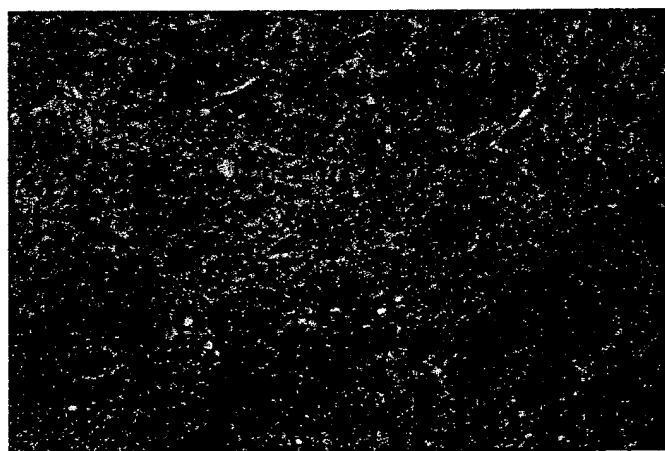
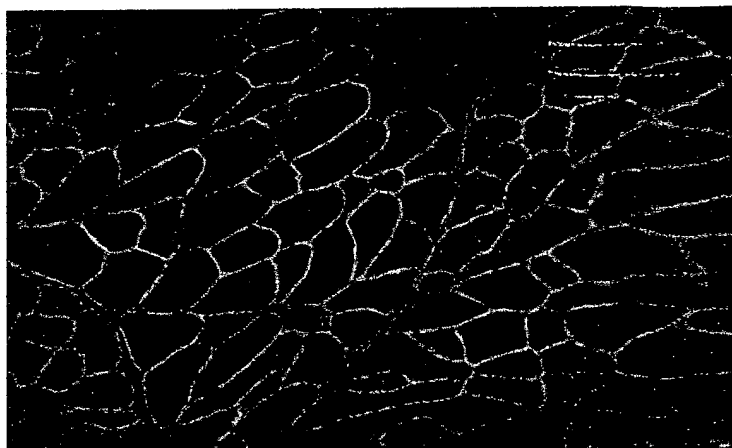
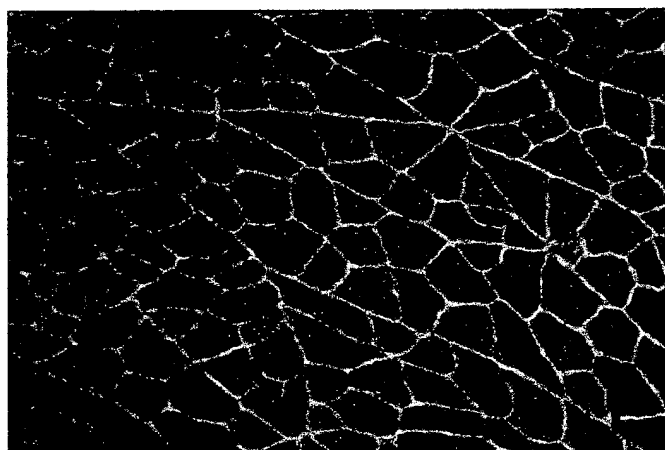
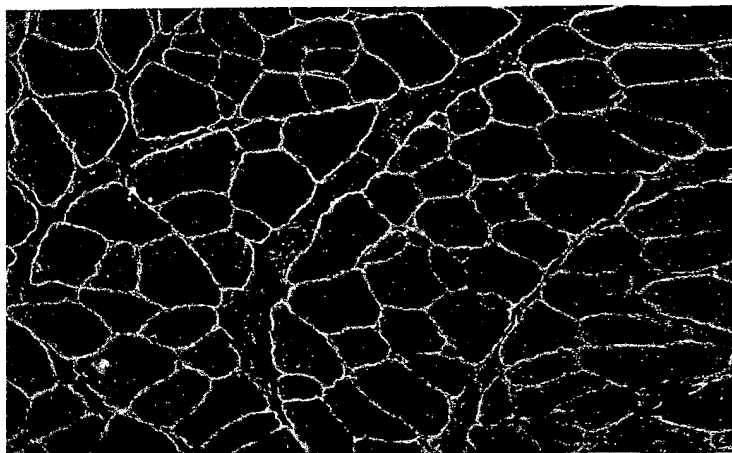
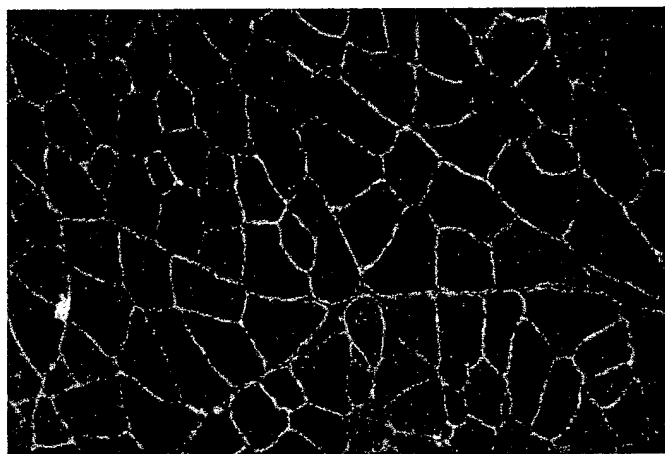
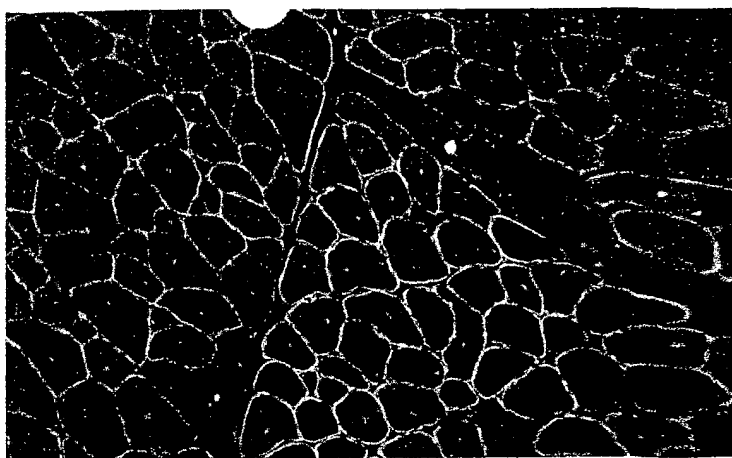
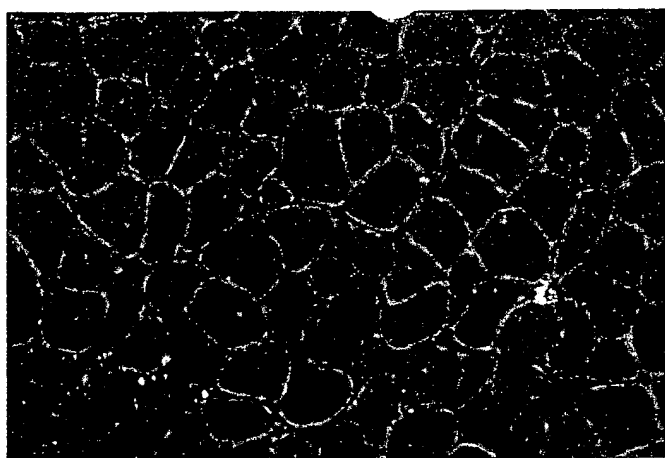


FIG. 2B



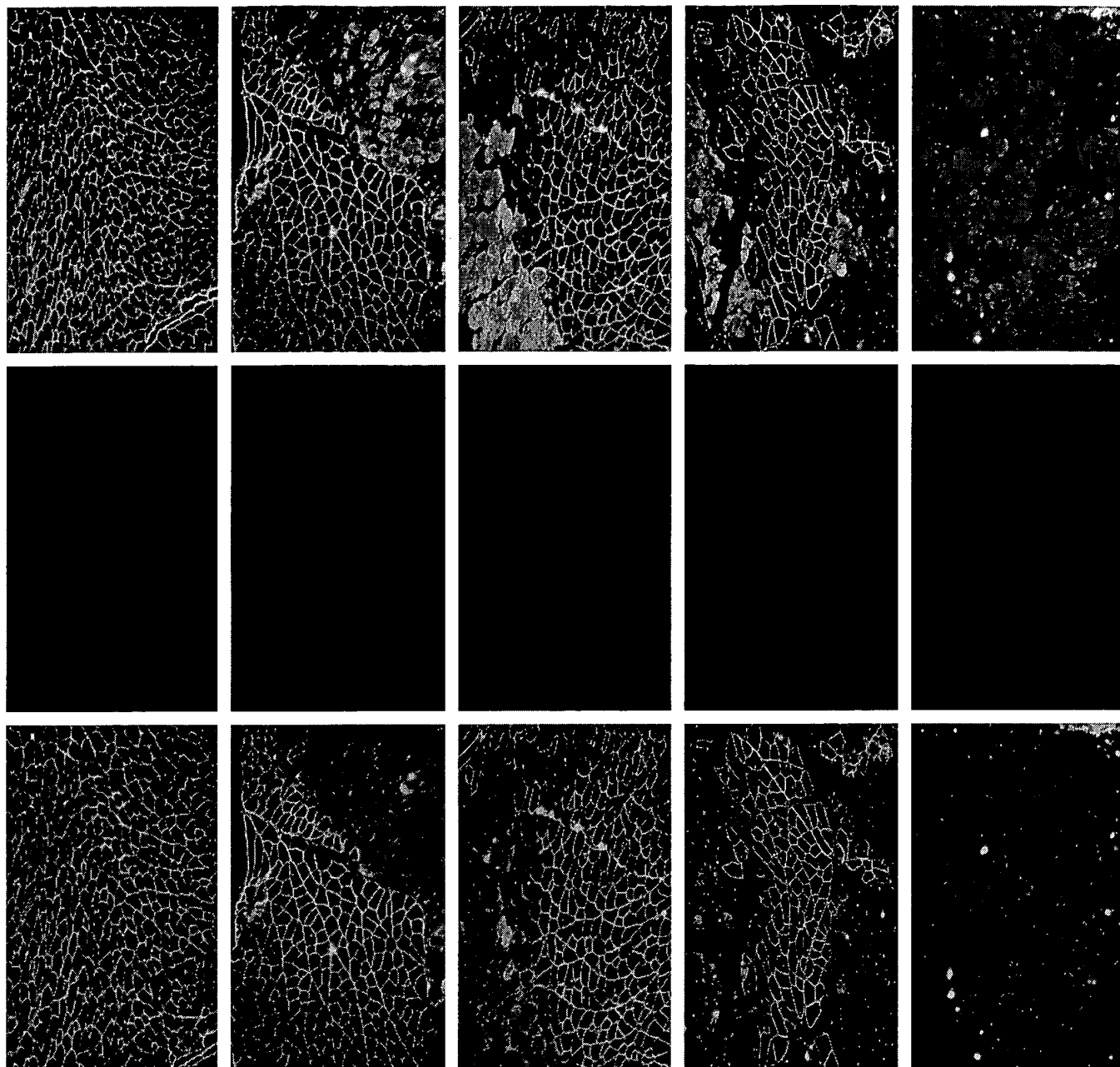
a

Dystrophin

Dystrophin

Evans blue

Merge



C57/B10

mdx
+
Δ3849

mdx
+
Δ3990

mdx
+
Δ4173

mdx

FIG. 4A

b

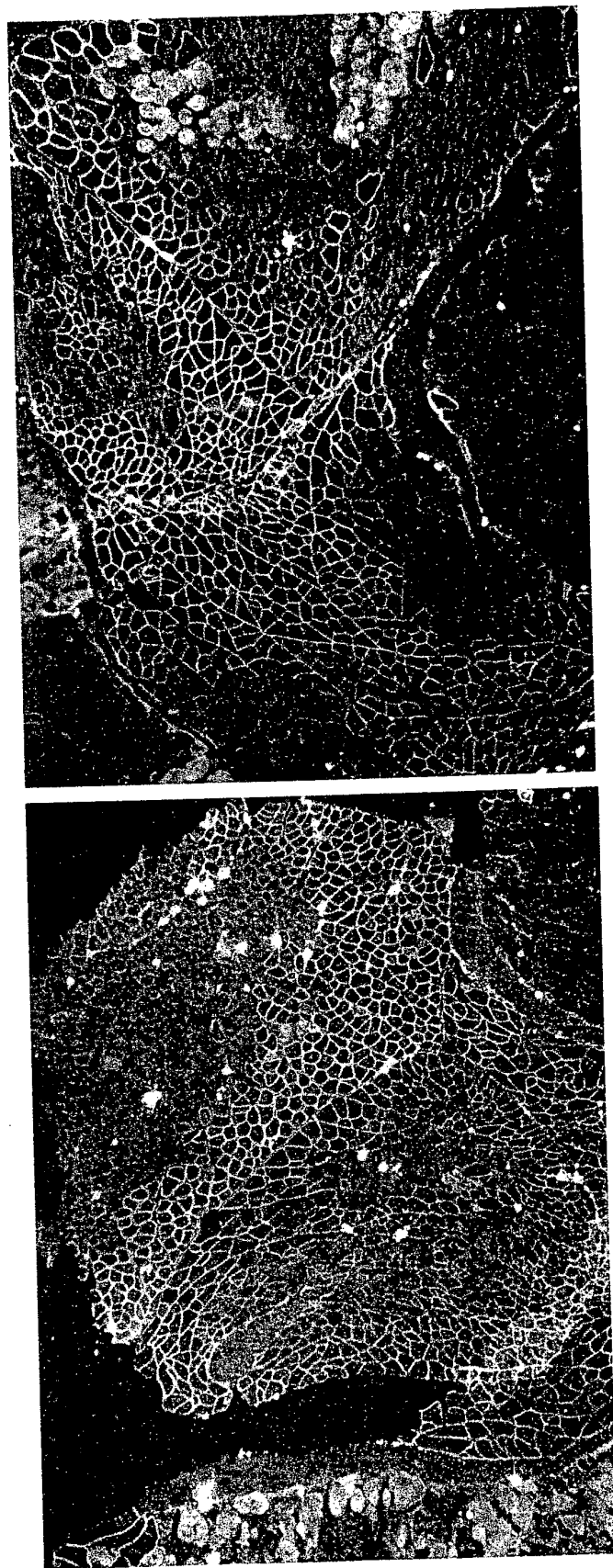
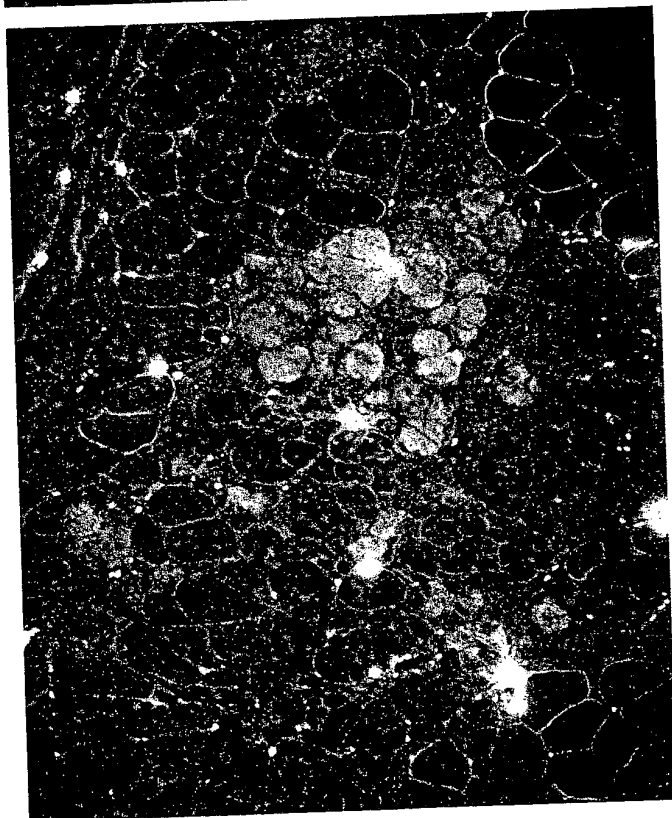


FIG. 4B

a *Mdx* + $\Delta 2796$



b *Mdx* + *DysM3*

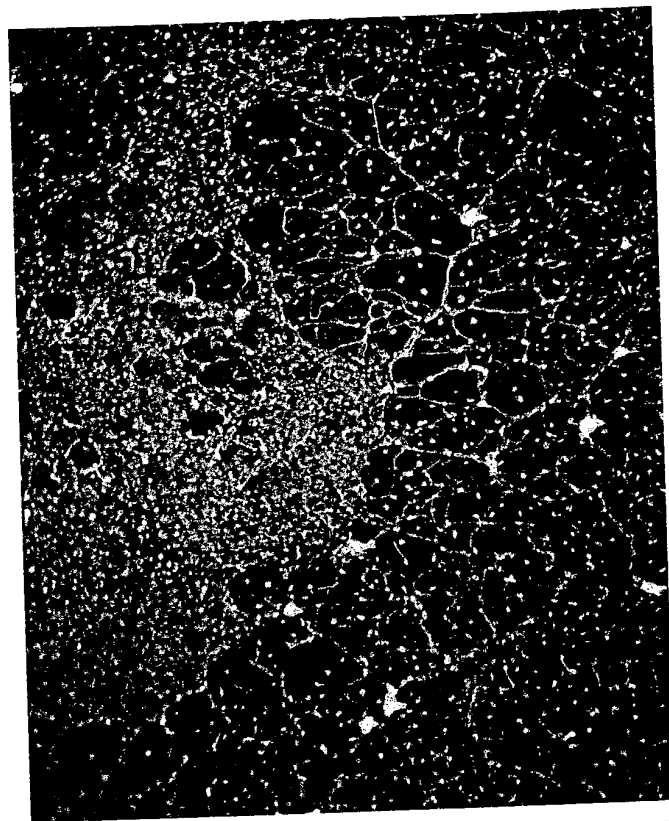


FIG. 5

Lengthening Activation

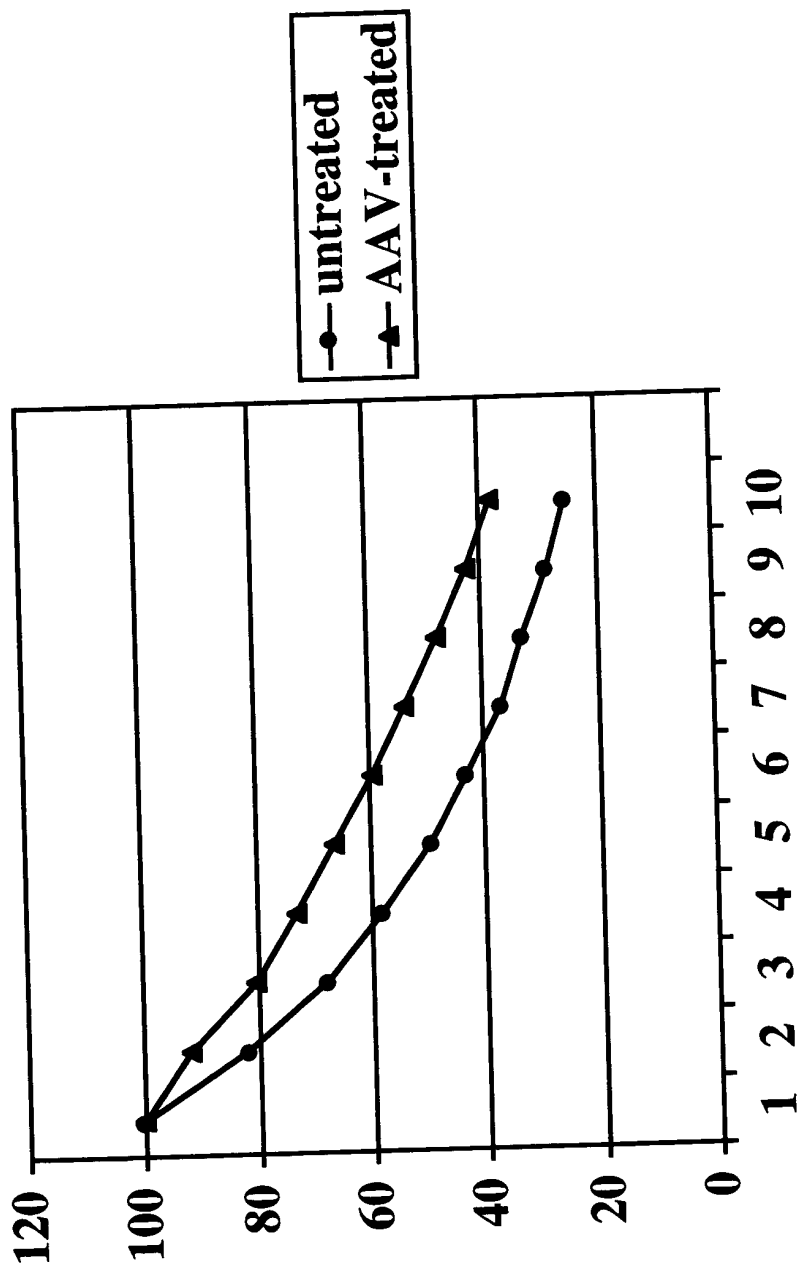


FIG. 6